

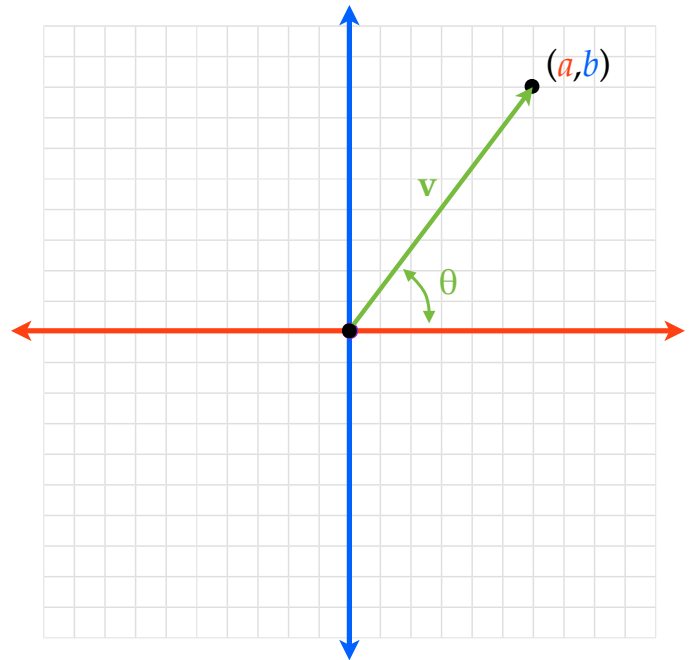
The Direction of Vectors in  $\langle a, b \rangle$  Component Form

Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

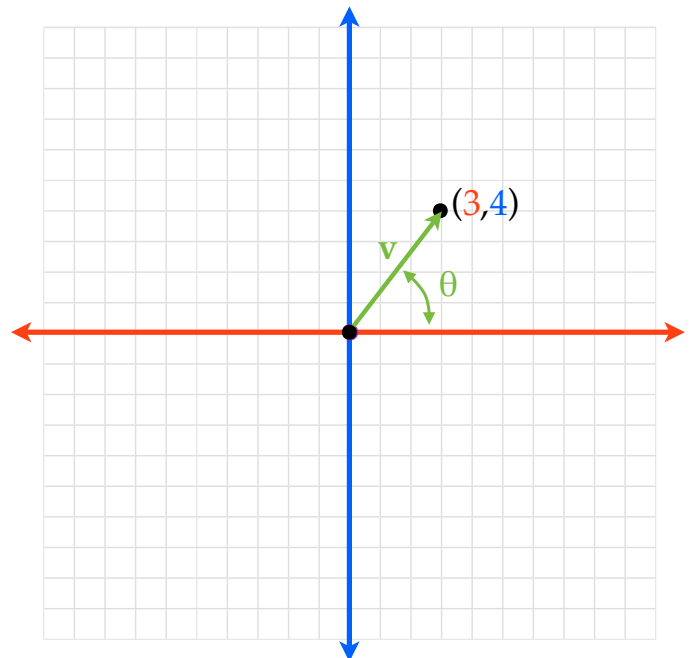
Given  $\mathbf{v}$  is in standard position and expressed in component form  $\mathbf{v} = \langle a, b \rangle$ , then...

$$\tan \theta = \frac{b}{a} \quad -90^\circ < \theta < 90^\circ$$



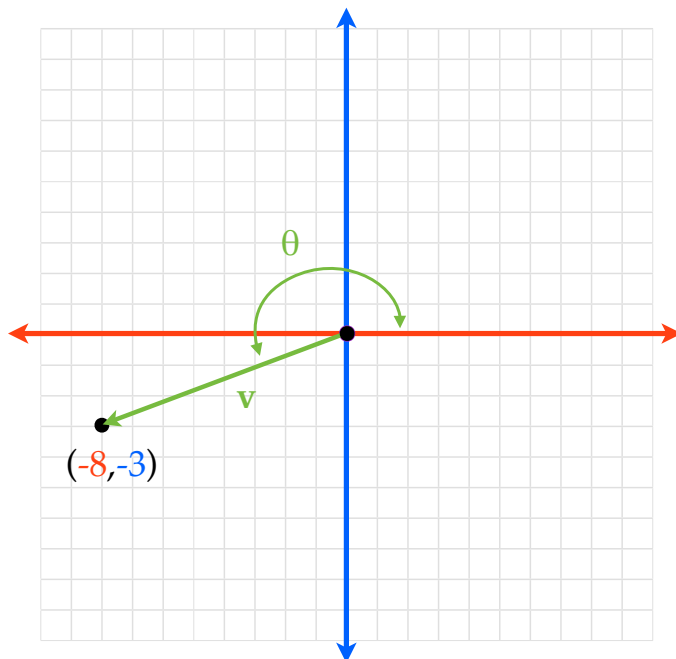
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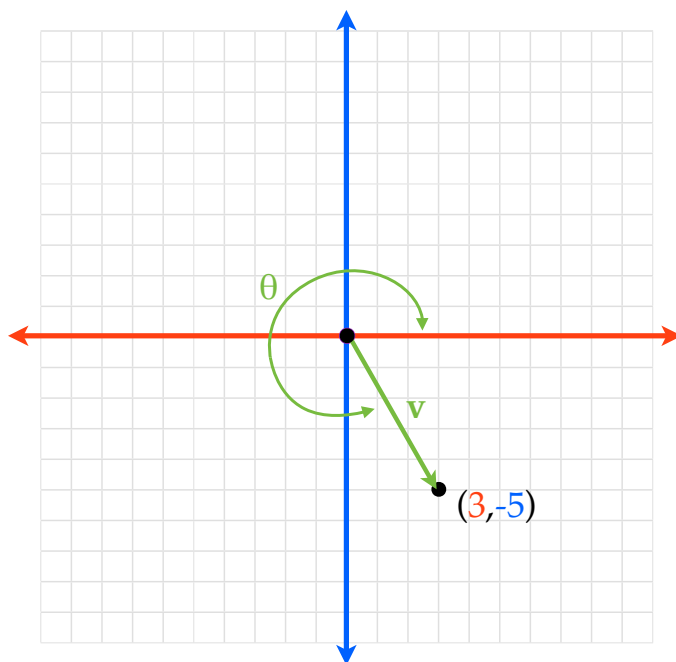
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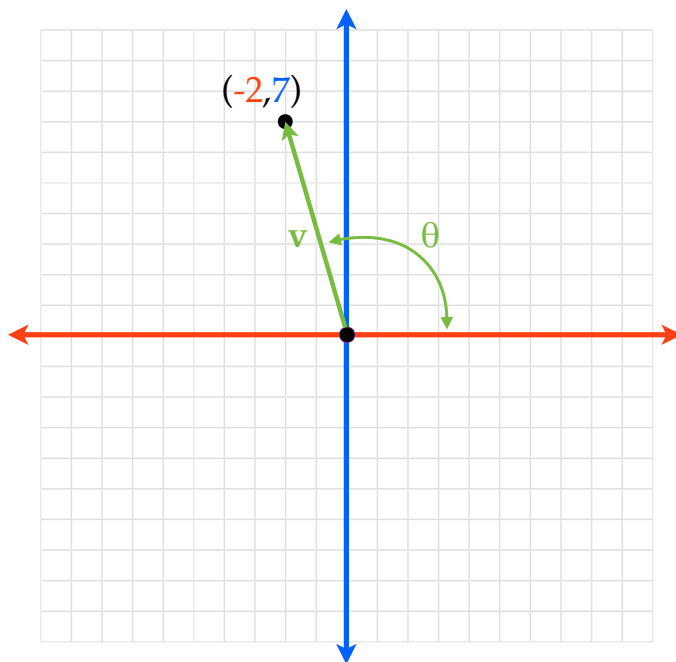
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